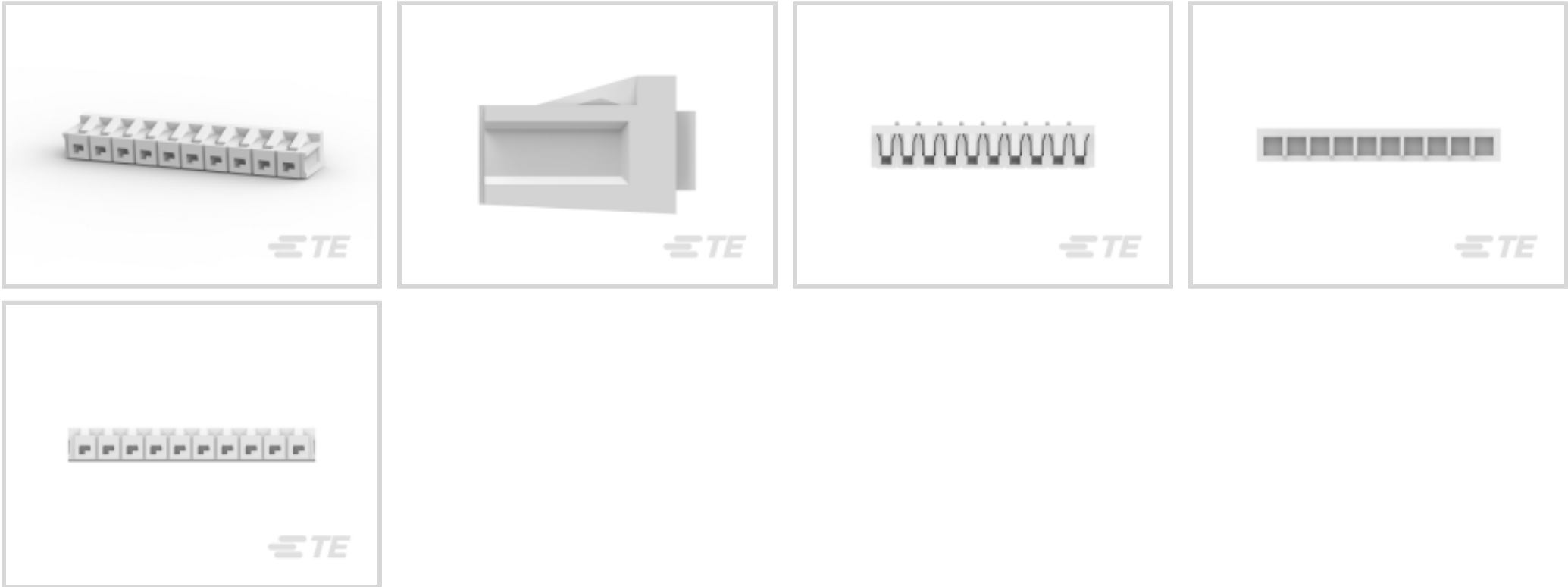




Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings



Connector Product Type: **Housing**

Connector & Housing Type: **Plug**

Connector System: **Wire-to-Board**

Number of Positions: **10**

Centerline (Pitch): **2.5 mm [.098 in]**

Features

Electrical Characteristics

Operating Voltage	250 VDC
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Industry Standards

UL Flammability Rating	UL 94V-0
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Contact Features

Contact Layout	Inline
Contact Base Material	Brass
Contact Type	Pin

Packaging Features

Packaging Method	Bag
Packaging Quantity	1000

Dimensions

PCB Thickness (Recommended)	1.57 mm, 1.19 – 1.6 mm
	.14 in



Wire Size	30 – 22 AWG, 26 – 22 AWG
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Connector Length	26 mm[1.02 in]
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Mechanical Attachment

Strain Relief	Without
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Panel Mount Feature	Without
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PCB Mount Retention	Without
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Mating Retention	Without
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Connector Mounting Type	Cable Mount (Free-Hanging)
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Housing Features

Housing Material	Nylon 6/6
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Housing Entry Configuration	Both Ends Closed
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Centerline (Pitch)	2.5 mm[.098 in]
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Product Type Features

Connector Product Type	Housing
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Connector & Housing Type	Plug
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Connector System	Wire-to-Board
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Sealable	No
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Connector & Contact Terminates To	Printed Circuit Board
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Configuration Features

Number of Positions	10
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Number of Rows	1
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Body Features

Primary Product Color	Natural
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Termination Features

Termination Method to Wire & Cable	Crimp
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Usage Conditions

Operating Temperature Range	-40 – 105 °C[-40 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Other

EU RoHS Compliance	Compliant
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EU ELV Compliance

Compliant

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Low Halogen - Br, Cl, F, I < 900 ppm per homogenous material. Also BFR/CFR/PVC Free
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) ‘Guidance on requirements for substances in articles’ posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts



TE Part # 172781-4
LOW PROFILE MINI AMP-IN
(AWG#30-#26)Y-TY



TE Part # 172782-7
LOW PROFILE MINI AMP-IN



TE Part # 172781-3
LOW PROFILE MINI AMP-IN
(AWG#30-#26)X-TY



TE Part # 172782-5
LOW PROFILE MINI AMP-IN

Customers Also Bought



TE Part #172520-5
5P 2.5MM MINI AMP-IN HDR HSG

TE Part #8-1879208-5
CPF 0402 33K 0.1% 25PPM 1K RL

TE Part #1903414-1
GHC 9.0 3POS PLUG HSG

TE Part #1746978-1
GRACE INERTIA 6.2mm PITCH CAP 3POS

TE Part #1971031-1
Receptacle contact for GIC 2.0

TE Part #5-640440-2
22P MTA100 CONN ASSY 22AWG RED

TE Part #42563-9
250 FASTON FLAG REC 12-10 AWG NPST

TE Part #1971030-9
9POS Plug Housing for GIC 2.0 EV Series

TE Part #176774-1
FF 250 PLUG HSG 3P NYLON NAT

TE Part #172520-7
7P 2.5MM MINI AMP-IN HDR HSG

Documents

Product Drawings

10P 2.5MM MINI AMP-IN HDR HSG

English

CAD Files

3D PDF

English

Customer View Model

ENG_CVM_1-172520-0_G1.3d_stp.zip

English

Customer View Model

ENG_CVM_1-172520-0_G1.2d_dxf.zip

English

Customer View Model

ENG_CVM_1-172520-0_G1.3d_igs.zip

English

3D PDF

3D



Customer View Model

[ENG_CVM_CVM_1-172520-0_E.2d_dxf.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-172520-0_E.3d_igs.zip](#)

English

Customer View Model

[ENG_CVM_CVM_1-172520-0_E.3d_stp.zip](#)

English

By downloading the CAD file I accept and agree to the [Terms and Conditions](#) of use.

Datasheets & Catalog Pages

[PRINTED CIRCUIT BOARD TERMINALS AND DISCONNECTS](#)

English

Product Specifications

[Application Specification](#)

English

[Application Specification](#)

English

Agency Approvals

[UL Report](#)

English